

Appl. No. 10/646,239
Attorney Docket No.: 2002B117/2
Amdt. dated November 17, 2005
Reply to Office Action of August 17, 2005

Amendments To The Specification:

Please replace paragraph [0005] with the following amended paragraph:

[0005] FIG. 1 shows an idealized tensile stress versus elongation curve 10 for a hypothetical stretch film. Curve 10 includes a first yield point 12, a second yield point 14, a natural draw ratio point 16, and a break point 18. Vertical line A passes through the first yield point 12, and indicates the elongation at first yield; horizontal line A' passes through the first yield point 12, and indicates the tensile stress at first yield. Vertical line B passes through the second yield point 14, and indicates the elongation at second yield; horizontal line B' passes through the second yield point 14, and indicates the tensile stress at second yield. Vertical line C passes through the natural draw ratio point 16, and indicates the elongation at the natural draw ratio point, this elongation value hereinafter termed simply the "natural draw ratio"; horizontal line C' passes through the natural draw ratio point 16, and indicates the tensile stress at the natural draw ratio point. Vertical line D passes through the break point 18, and indicates the elongation at break; horizontal line D' passes through the break point 18, and indicates the tensile stress at break. Region 20 of the curve, i.e., the region between the second yield point 14 and the natural draw ratio point 16, is termed the "yield plateau" region. Region [[22]] 10 of the curve, i.e., the region between the natural draw ratio point 16 and the break point 18, is termed the "strain hardening region". While these regions and features are shown in idealized form for a hypothetical film, it should be appreciated that in an actual film the stress-elongation curve has a continuous first derivative.

Please replace paragraph [0196] with the following amended paragraph:

[0196] Referring again to FIG. 1, the stress-elongation behavior is idealized for a hypothetical film. In an actual film, points 12 and 14 (first and second yield points) are inflection points. In poor film poorly suited to stretch applications, one or both of points 12 and 14 may be a local maximum. The yield plateau 20 and strain hardening region [[22]] 10 form a curve (not shown) having a first derivative that is a continuous function, so that the stress elongation curve is non-linear in a region wherein the slope transitions between the slope of the yield plateau

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region and the slope of the strain hardening region. Thus, the natural draw ratio point 16 is defined by the intersection between a line drawn through a linear portion of the strain hardening region and a line drawn through a linear portion of the yield plateau region. The tensile stress at the natural draw ratio is defined by the actual, measured tensile stress at an elongation corresponding to the natural draw ratio, rather than as the tensile stress at the intersection of the two lines described above.

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